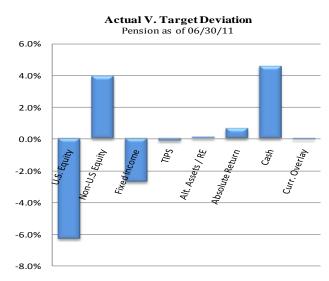


Kentucky Retirement Systems Quarterly Investment Update

| PENSION | QTD | Fiscal Y-T-D | 1 Yr Ended | 3 Yrs Ended | 5 Yrs Ended | 10 Yrs Ended | Since Incep. |
|-----------------------|--------|-----------------|---------------|----------------|----------------|-----------------|-----------------|
| | Q-2 | | 21000 | 211000 | 211000 | 211000 | mee p. |
| Total Fund KRS | 1.28% | 18.96% | 18.96% | 4.47% | 4.71% | 5.51% | 9.72% |
| Blended Index | 1.28% | 20.34% | 20.34% | 5.05% | 5.07% | 5.52% | 9.72% |
| | 1.0570 | 20.3470 | 20.3470 | 3.0370 | 3.0770 | 3.3270 | 9.0170 |
| Equities | 0.600/ | 24.200/ | 24.200/ | 5.000/ | 2.700/ | 2.760/ | 11 170/ |
| Domestic Equities | 0.60% | 34.28% | 34.28% | 5.06% | 3.70% | 3.76% | 11.17% |
| Performance Benchmark | -0.19% | 32.26% | 32.26% | 4.33% | 3.39% | 3.74% | 10.98% |
| Non-U.S. Equities | 0.45% | 29.08% | 29.08% | 2.28% | 3.76% | 6.32% | 2.61% |
| Performance Benchmark | 0.67% | 30.95% | 30.95% | 0.87% | 3.27% | 7.12% | 3.05% |
| Total Equities | 0.55% | 32.15% | 32.15% | 3.99% | 3.64% | 4.45% | 11.28% |
| Performance Benchmark | 0.16% | 31.78% | 31.78% | 2.82% | 3.13% | 4.47% | 11.04% |
| Fixed Income | | | | | | | |
| Core Fixed Income | 2.16% | 4.27% | 4.27% | 5.38% | 5.46% | 5.29% | 8.05% |
| Performance Benchmark | 2.30% | 3.94% | 3.94% | 6.47% | 6.52% | 5.80% | 8.13% |
| TIPS | 3.56% | 7.67% | 7.67% | 5.34% | 6.96% | 6.97% | 6.97% |
| Performance Benchmark | 3.65% | 7.74% | 7.74% | 5.28% | 6.91% | 6.95% | 6.95% |
| Total Fixed Income | 2.78% | 6.13% | 6.13% | 5.68% | 6.16% | 5.90% | 8.27% |
| Performance Benchmark | 2.69% | 5.00% | 5.00% | 6.17% | 6.68% | 6.17% | 8.13% |
| Real Estate | | | | | | | |
| KRS | 3.43% | 22.41% | 22.41% | - | - | - | 9.87% |
| Performance Benchmark | 3.36% | 16.03% | 16.03% | - | - | - | 2.64% |
| Absolute Return | | | | | | | |
| KRS | 1.36% | 6.36% | 6.36% | - | - | - | 3.62% |
| Performance Benchmark | 1.63% | 7.09% | 7.09% | - | - | - | 6.83% |
| Alternatives | | | | | | | |
| KRS | 5.10% | 13.38% | 13.38% | 0.43% | 3.22% | 10.58% | 10.92% |
| Performance Benchmark | 0.43% | 25.17% | 25.17% | 7.59% | 5.85% | 5.73% | 9.38% |
| Cash | | | | | | | |
| KRS | 0.13% | 0.44% | 0.44% | 1.00% | 2.74% | 3.31% | 4.85% |
| Performance Benchmark | 0.03% | 0.12% | 0.12% | 0.33% | 1.87% | 2.01% | 4.01% |

| | | Actual | Target | |
|------------------|-----------------|--------|--------|-------|
| | \$'s (millions) | % | % | Diff |
| U.S. Equity | \$2,733 | 23.7% | 30.0% | -6.3% |
| Non-U.S Equity | \$2,761 | 23.9% | 20.0% | 3.9% |
| Fixed Income | \$2,569 | 22.3% | 25.0% | -2.7% |
| TIPS | \$1,136 | 9.9% | 10.0% | -0.1% |
| Alt. Assets / RE | 1,396 | 12.1% | 12.0% | 0.1% |
| Absolute Return | 73 | 0.6% | 0.0% | 0.6% |
| Cash | 872 | 7.6% | 3.0% | 4.6% |
| Curr. Overlay | (7) | -0.1% | 0.0% | -0.1% |
| Total | \$11,533 | 100.0% | 100.0% | 0.0% |



| | | Fiscal | 1 Yr | 3 Yrs | 5 Yrs | 10 Yrs | Since |
|-----------------------|-------|--------|--------|-------|-------|--------------|--------|
| INSURANCE | QTD | Y-T-D | Ended | Ended | Ended | Ended | Incep. |
| Total Fund | | | | | | | |
| KRS | 0.25% | 23.47% | 23.47% | 3.07% | 3.78% | 5.02% | 7.93% |
| Blended Index | 0.71% | 26.93% | 26.93% | 3.32% | 3.87% | 4.57% | 7.99% |
| Equities | | | | | | | |
| Domestic Equities | 0.70% | 39.33% | 39.33% | 6.00% | 4.07% | 3.96% | 9.01% |
| Performance Benchmark | 0.01% | 31.68% | 31.68% | 3.88% | 3.32% | 3.33% | 8.38% |
| Non-U.S. Equities | 0.40% | 28.23% | 28.23% | 1.36% | 3.92% | 7.28% | 2.83% |
| Performance Benchmark | 0.85% | 30.66% | 30.66% | 0.31% | 2.93% | 6.94% | 2.13% |
| Total Equities | 0.50% | 35.00% | 35.00% | 3.37% | 3.34% | 4.52% | 9.08% |
| Performance Benchmark | 0.39% | 31.29% | 31.29% | 2.20% | 2.88% | 3.66% | 8.73% |
| Fixed Income | | | | | | | |
| Total Fixed Income | 2.91% | 6.64% | 6.64% | 4.95% | 6.73% | 6.93% | 7.07% |
| Performance Benchmark | 3.25% | 7.02% | 7.02% | 5.04% | 6.76% | 6.88% | 7.06% |
| Real Estate | | | | | | | |
| KRS | 3.96% | 27.21% | 27.21% | - | - | - | 11.27% |
| Performance Benchmark | 3.36% | 16.03% | 16.03% | - | - | - | 2.64% |
| Absolute Return | | | | | | | |
| KRS | 1.36% | 6.57% | 6.57% | - | - | - | 3.35% |
| Performance Benchmark | 1.63% | 7.09% | 7.09% | - | - | - | 6.83% |
| Alternatives | | | | | | | |
| KRS | 3.00% | 20.07% | 20.07% | 3.80% | 5.06% | 6.67% | 6.67% |
| Performance Benchmark | 0.23% | 28.43% | 28.43% | 5.76% | 4.61% | 4.55% | 4.55% |
| Cash | | | | | | | |
| KRS | 0.06% | 0.29% | 0.29% | 0.45% | 2.30% | 2.57% | 3.63% |
| Performance Benchmark | 0.03% | 0.12% | 0.12% | 0.33% | 1.86% | 2.01% | 3.33% |

| | | Actual | Target | |
|------------------|-----------------|--------|--------|-------|
| | \$'s (millions) | % | % | Diff |
| U.S. Equity | \$938 | 31.0% | 40.0% | -9.0% |
| Non-U.S Equity | 755 | 24.9% | 30.0% | -5.1% |
| Fixed Income | 463 | 15.3% | 0.0% | 15.3% |
| TIPS | 310 | 10.2% | 12.0% | -1.8% |
| Alt. Assets / RE | 207 | 6.9% | 15.0% | -8.1% |
| Absolute Return | 31 | 1.0% | 0.0% | 1.0% |
| Cash | 325 | 10.7% | 3.0% | 7.7% |
| Curr. Overlay | (4) | -0.1% | 0.0% | -0.1% |
| Total | \$3,026 | 100% | 100% | 0% |

